Manual and safety instructions

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Litemover manual and safety instructions

Be aware that you are moving an object like a (large) lighting fixture on a distance.

When using the Litemover always have the moving fixture in clear eyesight.

When using the Litemover upside-down, with a light fixture hanging below the Litemover,
ALWAYS USE AN ADEQUATE EXTRA SAFETY CHAIN.

Maximum Weight Load 220 lbs. / 100kg.
12 VDC / 4 Amp. max.

For professional use only.

Do not operate this machine unless you completely read and understood this manual and safety instructions and act according to them.

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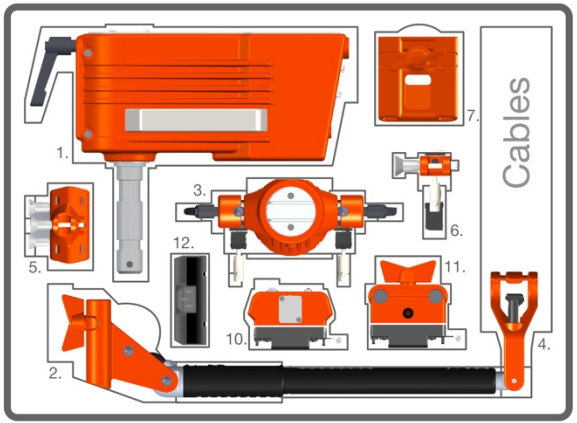
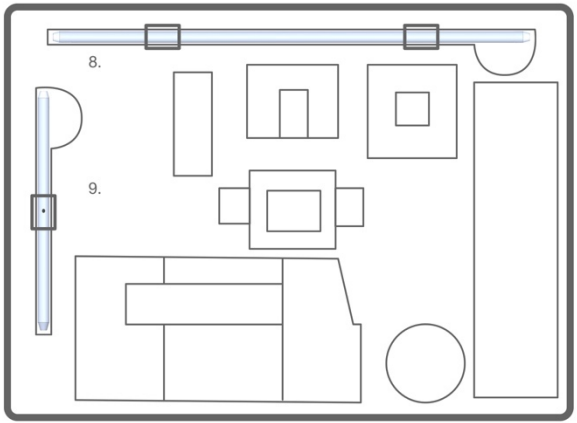
Case content.





Litemover set.

1. Pan motor unit.
2. Tilt motor unit
3. Focus Motor unit.

4. ‘Hand’ connector
5. ‘Pin’ connector
6. ‘Clamp’ connector

7. 90˚coupler

8. 4x 15 mm. rod 50 cm.
9. 2x 15 mm. rod 25 cm.

10. Manual control unit
11. V-Lock Battery unit

12. Blueshape PSU (V-lock battery shape)

(Not in the pictures on the left, but part of the set)

Focus motor connector cable
Remote/Power cable 25 ft.
Battery DC cable
IEC cable

Litemover on a stand.

1.

Put the **Pan unit** of the Litemover on the **stand**

2.

Put the **yoke** of the light on the Pan unit

3.

Attach **2 rods** by screwing them in the Pan unit

4.

Slide the **Tilt motor** over the rods, and plug the cable in the Pan unit

5.

Connect the tilt motor to the front of the light fixture and **PULL BACK** to the maximum desired 'tilt down' position.

6.

Place the **Focus motor** on the backside of the light fixture and connect the cable between Focus motor and Pan unit.

Litemover in a hanging position.

1.

Hang the light fixture on the Pan unit

2.

Attach 2 long rods by screwing them in the Pan unit.

3.

Attach the **90˚connector** and **slide** the Tilt motor over the rods pointing down and plug the cables in

4.

Place the Focus motor on the backside of the light fixture and connect the cable between the Focus motor and the Pan unit.

5.

ALWAYS SECURE your hanging fixture with EXTRA SAFETY CABLE!

6.

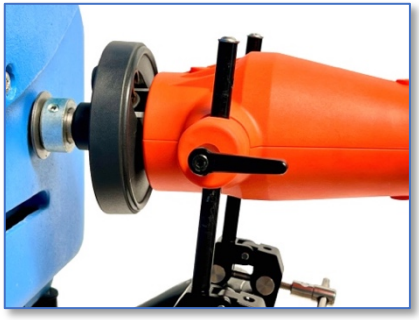
Connect the ballast or power cable of your light fixture on one of the side rails of the Pan unit.

Focus Motor on an ARRI M90 fixture.

The Focus motor slides over the focus knot of the ARRI M90 fixture.

Focus Motor on an ArriMax 12/18 kW fixture.

The Focus motor slides in the focus wheel of the ArriMax 12/18 kW. or 12/24 kW. Fresnel fixture.



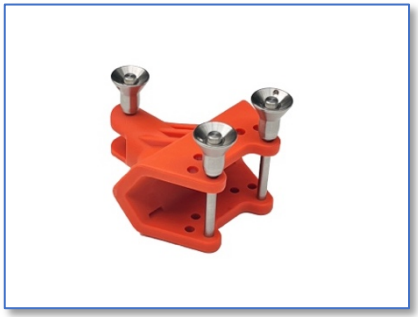
Tilt motor.

The tilt motor can be placed in a desired position on the two rods behind the main unit.

Connector.

Hand connector

Pin Connector



Clamp Connector

Coming soon!

Connectors that will connect to:

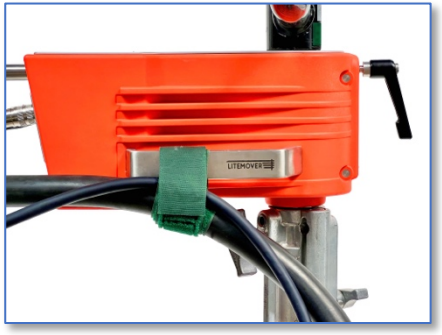
Multi yoke 4x Vortex 8
Mirror connector
K5600 Alpha range

90˚ connector.

90˚ connector for using the Litemover in hanging position.

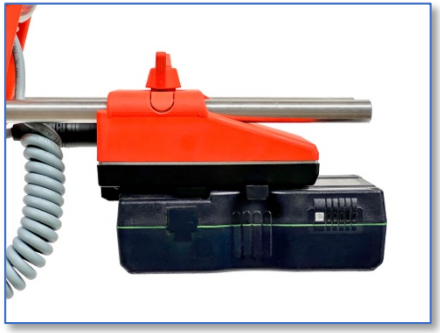
Side rails.

Please use the two side rails to connect your wires to Litemover Main unit.



Battery.

When using DMX or CRMX you can power the Litemover with a V-Lock battery (14,4 Volt).
The V-Lock battery connector also slides over the two rods.



Operating options.

Operation of Litemover is possible in 3 different ways.

Manual control via the handset via the buttons.
DMX control, hard wired with a dmx cable.
CRMX control, via lumenradio inside.

When powered via the handset, the buttons of the handset also works while DMX or CRMX is present.

Manual control via the handset with the combined Power and Signal cable

Status light on the handset:
On = motor movement is detected
Blinking light = Motor is at the end of the tilt or focus movement (overcurrent)

DMX control via DMX cable

CRMX – Timo2

Timo2 (CRMX) control via pushbutton and blue status light:

Off:	unlinked
Fast blink:	linked, no rf link
Slow blink:	linked, rf link, no DMX
On:	linked, rf link, DMX reception

Hold button below the status light for 2 sec to unlink Timo2

Manual Factory Reset.

Holding the **<** button (Pan left) while powering up on the handset will factory reset the Litemover for all settings including Label name and DMX address.
Hold the **<** button (Pan left) for as long as the status light on the remote handset is blinking. When the status light turns permanent **ON** release the **<** button (Pan left)
Do **NOT** turn off the Litemover and wait for about 15 seconds for resetting.

DMX / CRMX control.

Always have the Litemover and Light fixture in clear eyesight
when controlled by CRMX or DMX.

Channel 1 is the safety channel to prevent unpredicted movements
NONE of the other DMX channels will be active if this channel (or the master channel) is at 255 (100%)

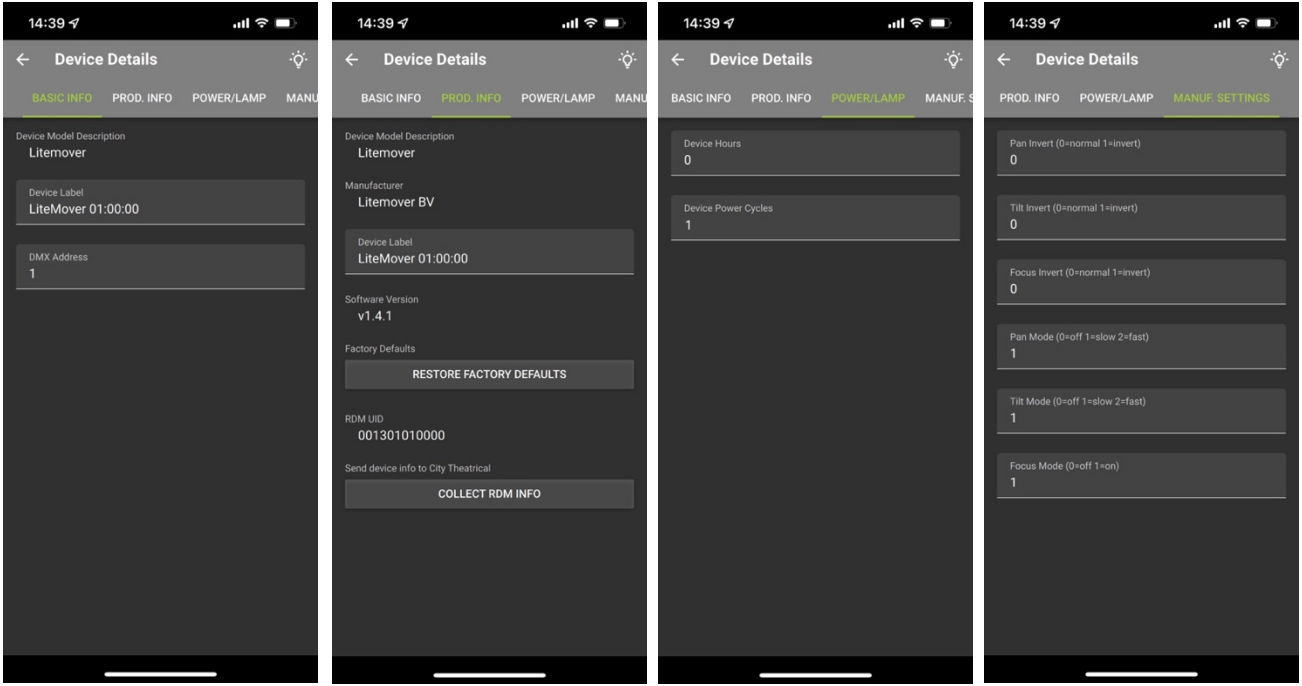
DMX table.

Channel 1	DMX Control On/ Off	#	%
	Off	0-254	0-99
	On	255	100

Channel 2	Pan Motor	#	%
	Off	0-50	0-19
	Left	51-102	20-39
	Off	103-152	40-59
	Right	153-204	60-79
	Off	205-255	80-100
Channel 3	Tilt Motor		
	Off	0-50	0-19
	Up	51-102	20-39
	Off	103-152	40-59
	Down	153-204	60-79
	Off	205-255	80-100
Channel 4	Focus Motor		
	Off	0-50	0-19
	Left	51-102	20-39
	Off	103-152	40-59
	Right	153-204	60-79
	Off	205-255	80-100

RDM.

RDM communication and control is, for example, possible with a RDM controller like the DMX-Cat made by City Theatrical.


14:39
Device Details
BASIC INFO
PROD. INFO
POWER/LAMP
MANU
Device Model Description
Litemover
Device Label
LiteMover 01:00:00
DMX Address
1
14:39
Device Details
BASIC INFO
PROD. INFO
POWER/LAMP
MANU
Device Model Description
Litemover
Manufacturer
Litemover BV
Device Label
LiteMover 01:00:00
Software Version
v1.4.1
Factory Defaults
RESTORE FACTORY DEFAULTS
RDM UID
001301010000
Send device info to City Theatrical
COLLECT RDM INFO
14:39
Device Details
BASIC INFO
PROD. INFO
POWER/LAMP
MANUF. S
Device Hours
0
Device Power Cycles
1
14:39
Device Details
PROD. INFO
POWER/LAMP
MANUF. SETTINGS
Pan Invert (0=normal 1=invert)
0
Tilt Invert (0=normal 1=invert)
0
Focus Invert (0=normal 1=invert)
0
Pan Mode (0=off 1=slow 2=fast)
1
Tilt Mode (0=off 1=slow 2=fast)
1
Focus Mode (0=off 1=on)
1

RDM settings.

Change the DMX address and the label name.

Reset the Litemover to the factory settings

See device hours and device power-on cycles

Invert the direction of each motor

0 = standard direction
1 = inverted direction

Change the speed of the motors.

0 = off
1 = standard speed
2 = “high” speed (not for Focus motor)

Dealers.

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